

*Fig. 1A*

	Supervisory	Enable	Disable	Priorities	Interrupts
Stream 1	●		●		
Stream 2	●				●
Stream 3			●		

Control Authorization for Stream 0

*Fig. 1B*

Integer 1	Integer 2	Integer 3	Integer 4	Float Pt. 1	Float Pt. 2	Float Pt. 3	Float Pt. 4	Branch Unit 1	Branch Unit 3	Branch Unit 2	Branch Unit 4
●	●	●						●			

Hard Resource Assignment for Stream 0

*Fig. 1C*

Execution  
Interrupt  
Integer  
Floating Point  
Branch

●	●	
	●	●
●	●	●
●		
	●	●

Priorities for Stream 0

*Fig. 1D*

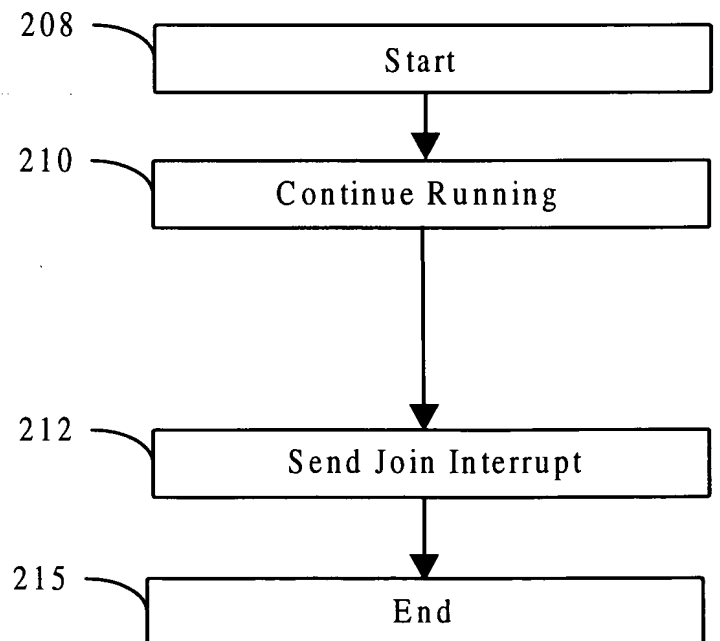
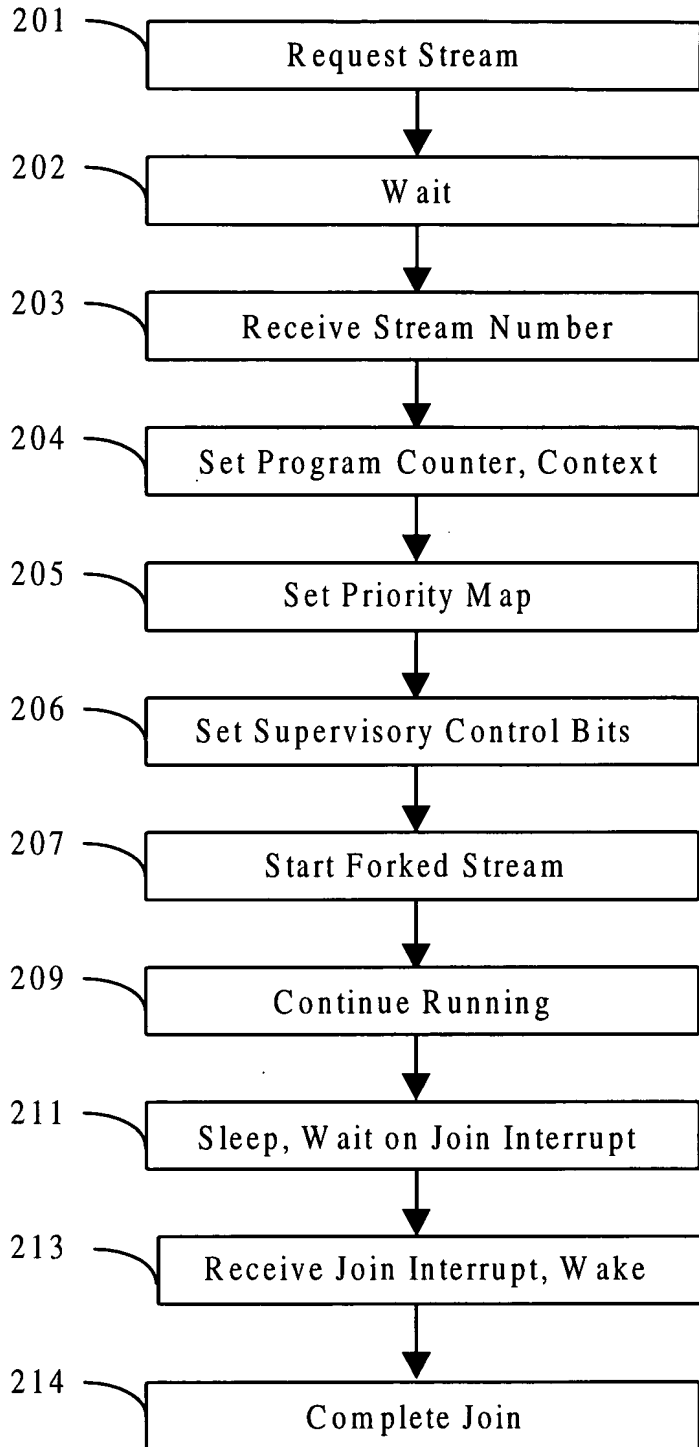
Master	Enabled/Disabled	Sleep Mode
●	●	

Control Indicators for Stream 0

*Fig. 1E*

Original Stream  
Stream 1

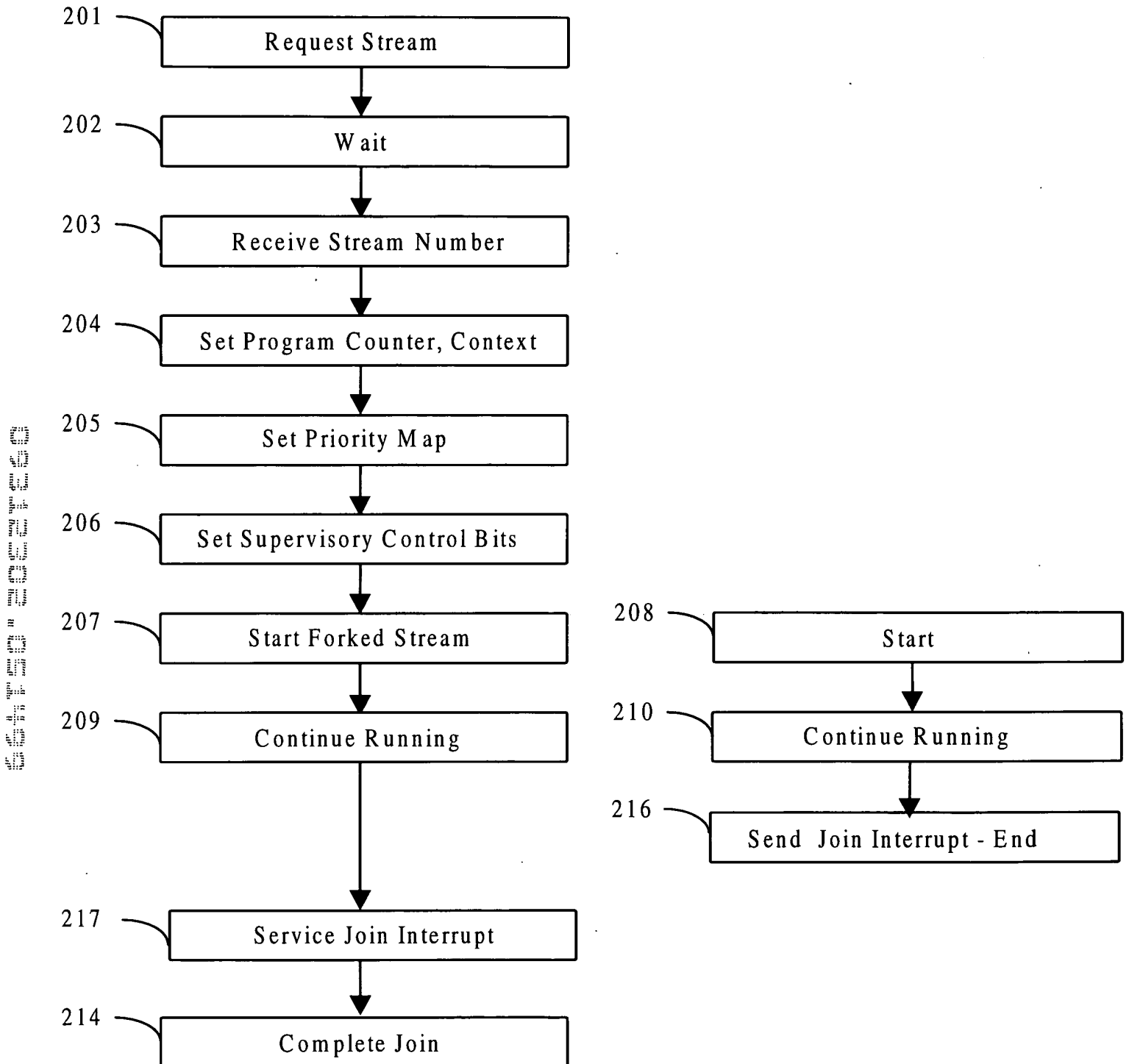
Forked Stream  
Stream 2



*Fig. 2A*

Original Stream  
Stream 1

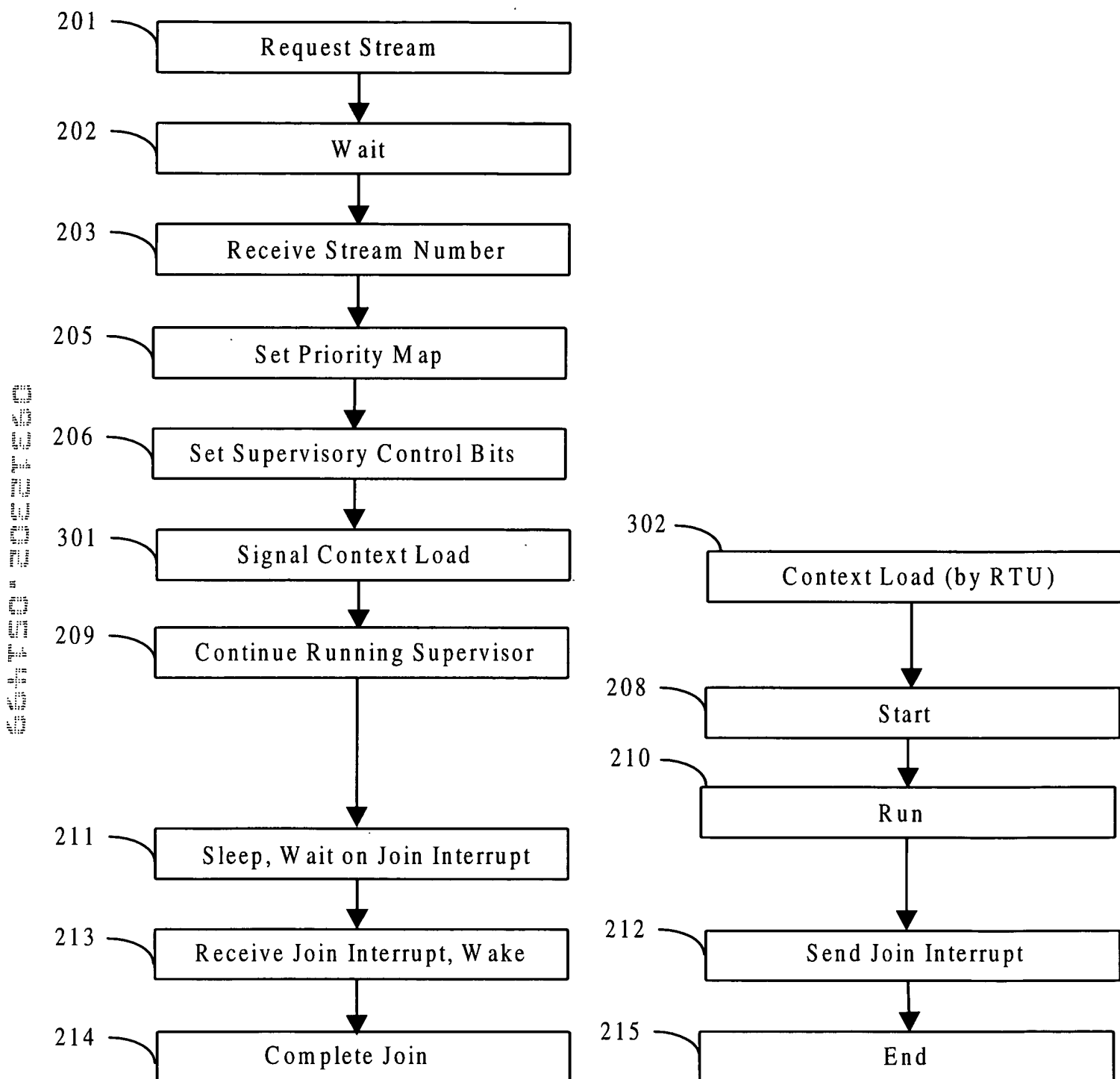
Forked Stream  
Stream 2



**Fig. 2B**

## Original Stream Stream 1

## Forked Stream Stream 2



**Fig. 3**

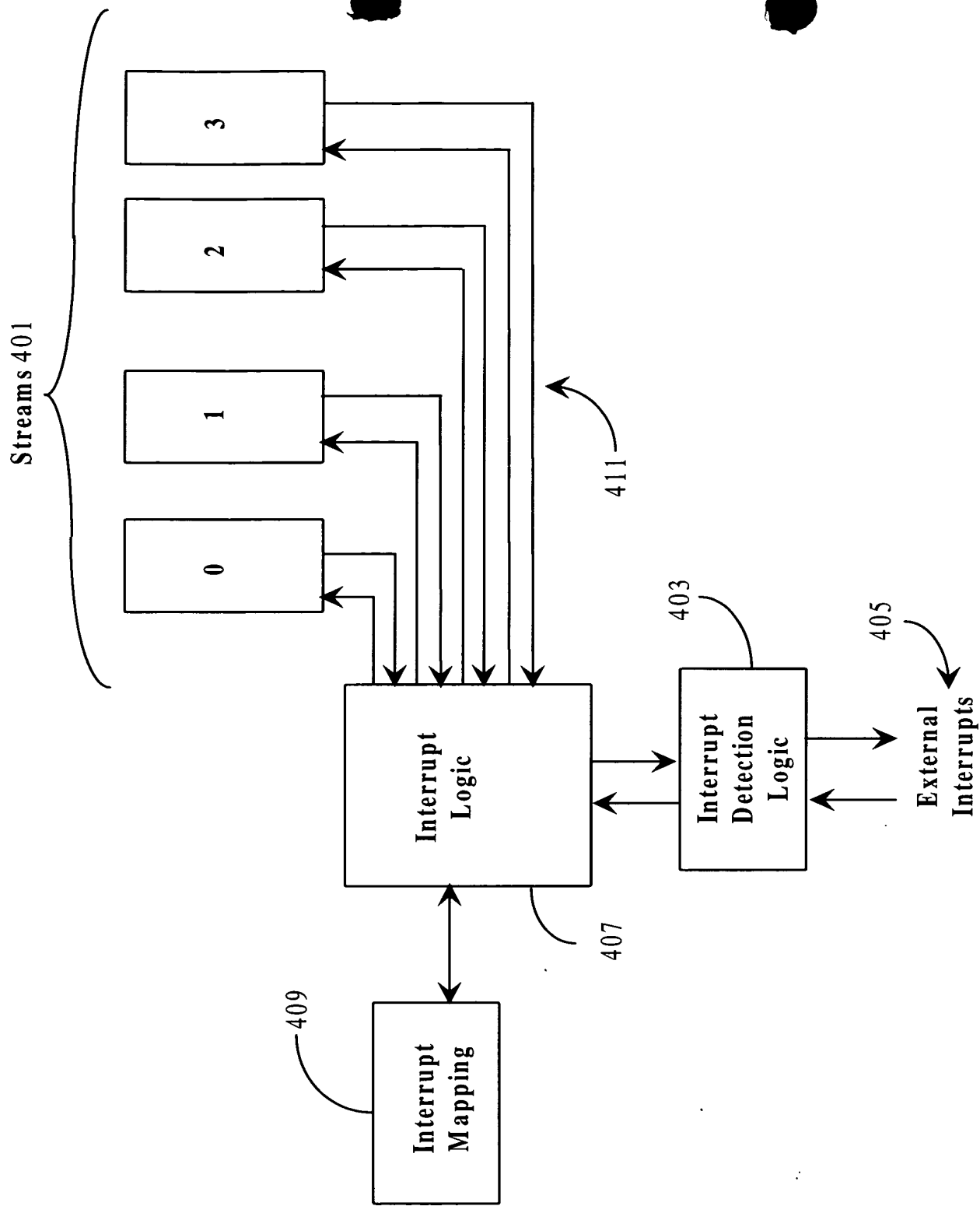


Fig. 4